IN THE CLAIMS:

1. (Currently Amended) A method of preparing for an injection procedure, the method comprising:

mounting a syringe comprising a distal end and a plunger on an injector comprising a piston;

sensing that the syringe is mounted on the injector;

advancing the piston of the injector to engage the plunger of the syringe and to advance the plunger to the distal end thereof; ~~and~~

retracting the piston to retract the plunger and aspirate fluid into the syringe; and

advancing the piston to prime the syringe and a tube connected to the syringe.

2. (Previously presented) The method of claim 1 wherein the step or act of advancing the plunger operates to expel air from the syringe.

3. (Previously presented) The method of claim 1 wherein the step or act of retracting the plunger operates to fill the syringe with an amount of fluid.

4. (Canceled)

5. (Previously presented) The method of claim 4, further comprising the step of advancing the piston to expel fluid from the syringe.

6. (Previously presented) The method of claim 1, further comprising the step of retracting the piston after the syringe is removed from the injector.

7. (Previously presented) The method of claim 1 wherein the step of advancing the piston to engage the plunger is automatically conducted by the injector.

8. (Currently Amended) A method of preparing for an injection procedure, the method comprising:

mounting a syringe comprising a distal end and a plunger on an injector comprising a piston;

sensing that the syringe is mounted on the injector

determining whether the syringe is an empty syringe, a preloaded syringe or a prefilled syringe;

advancing the piston of the injector to engage the plunger of the syringe;

advancing the piston of the injector to advance the plunger to the distal end of the syringe if the syringe is an empty syringe;

retracting the piston to retract the plunger and aspirate fluid into the syringe if the syringe is an empty syringe; and

advancing the piston to prime the fluid path ~~syringe~~ for the injection procedure.

9. (Previously presented) The method of Claim 8 wherein the steps or acts of advancing and retracting are conducted automatically by the injector.

10. (Previously presented) The method of Claim 1 wherein the steps or acts of advancing and retracting are conducted automatically by the injector.

11. (New) A method of preparing for an injection procedure, the method comprising:

mounting a syringe comprising a distal end and a plunger on an injector comprising a piston;

advancing the piston of the injector to engage the plunger of the syringe and to advance the plunger to the distal end thereof;

retracting the piston to retract the plunger and aspirate fluid into the syringe; and

advancing the piston to prime the syringe and a tube connected to the syringe.

12. (New) The method of Claim 11, further including sensing that the syringe is mounted on the injector.

13. (New) The method of Claim 11, wherein the priming of the syringe and the tube is based on fluid volume of the tube.

14. (New) The method of Claim 11, wherein the priming is based on a predetermined amount.

15. (New) The method of Claim 11, further including advancing the piston during the step of retracting the piston to retract the plunger and aspirate fluid into the syringe, wherein the advancing decreases the amount of air aspirated into the syringe.

16. (New) The method of Claim 1, further including advancing the piston during the step of retracting the piston to retract the plunger and aspirate fluid into the syringe, wherein the advancing decreases the amount of air aspirated into the syringe.

17. (New) The method of Claim 8, further including advancing the piston during the step of retracting the piston to retract the plunger and aspirate fluid into the syringe, wherein the advancing decreases the amount of air aspirated into the syringe.